



### Features

- 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct/indirect (halo) light distribution, 4635lm luminous flux, 41.5W system power, 112lm/W luminaire efficacy. Constant current driver. 3 hours integrated emergency. Colour rendering index Ra >90, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

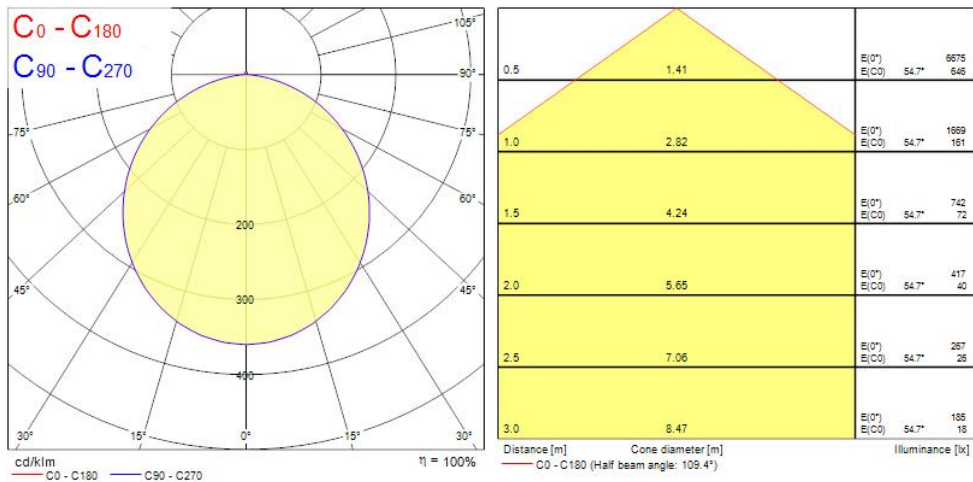
### Product Overview

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| Product name                      | COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM |
| Technology                        | LED (3 SDCM)                             |
| Cap/Base                          | N/A                                      |
| Housing                           | Aluminium                                |
| Mount                             | Suspended                                |
| General application               | Hospitality, Office                      |
| ETIM Class                        | EC002892                                 |
| Fixture luminous flux (lm)        | 4635                                     |
| Luminaire efficacy (lm/W)         | 112                                      |
| Correlated colour temperature (k) | 4000                                     |
| Light colour                      | Neutral White                            |
| CRI (Ra)                          | 90                                       |
| Colour Variation Initial (SDCM)   | 3                                        |
| Glare control                     | < 22                                     |
| Photobiological Risk Group        | RG0                                      |
| Total power consumption (W)       | 41.5                                     |
| Electrical protection             | Class I                                  |
| Control gear type                 | LED driver constant current              |

## COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM 2071222

|                     |                        |
|---------------------|------------------------|
| Dimmable            | No                     |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP40/20                |
| IK rating           | IK07                   |
| Product EAN number  | 5025768712229          |
| Warranty            | 5 years                |
| Dimming method      | N/A                    |
| Colour Code         | 940                    |

### Photometry



## Technical drawings



## Data table

### GENERAL DATA

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Product name                     | COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM |
| Technology                       | LED (3 SDCM)                             |
| Cap/Base                         | N/A                                      |
| Housing                          | Aluminium                                |
| Mount                            | Suspended                                |
| General application              | Hospitality, Office                      |
| Operating temperature range (°C) | 10°C...+25°C                             |
| ETIM Class                       | EC002892                                 |
| Warranty                         | 5 years                                  |

### OPTICAL DATA

|                                   |      |
|-----------------------------------|------|
| Fixture luminous flux (lm)        | 4635 |
| Luminaire efficacy (lm/W)         | 112  |
| Correlated colour temperature (k) | 4000 |
| Colour Code                       | 940  |

## COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM 2071222

|                                 |               |
|---------------------------------|---------------|
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | 3             |
| Distribution type               | Symmetric     |
| Glare control                   | < 22          |
| Photobiological Risk Group      | RG0           |
| Emergency duration (h)          | 3             |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 41.5                        |
| Primary Supply/Product voltage - min (V)                              | 220                         |
| Primary Supply/Product voltage - max (V)                              | 240                         |
| Lamp power factor                                                     | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 20                          |
| Electrical protection                                                 | Class I                     |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 450                         |
| Inrush Current (A)                                                    | 15                          |
| Inrush Duration ( $\mu$ s)                                            | 250                         |
| Energy Efficiency Class (A->G) of contained light source              | C                           |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| LED Flickering Rate                                                   | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                       | 40                          |
| Max. products per 13A C Breaker                                       | 51                          |
| Max. products per 16A C Breaker                                       | 63                          |
| Max. products per 20A C Breaker                                       | 80                          |
| Max. products per 10A B Breaker                                       | 24                          |
| Max. products per 13A B Breaker                                       | 31                          |
| Max. products per 16A B Breaker                                       | 38                          |
| Max. products per 20A B Breaker                                       | 48                          |

# Concord

## COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM 2071222

|                                                    |     |
|----------------------------------------------------|-----|
| Connectable conductor cross section -<br>Max (mm²) | 2.5 |
|----------------------------------------------------|-----|

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 170000 |
| Lifespan L80 B20 | 145000 |
| Lifespan L90 B10 | 66000  |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9016          |
| IP rating                     | IP40/20          |
| IK rating                     | IK07             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 93               |
| Nominal Product Diameter (mm) | 604              |
| Weight (kg)                   | 9.3              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768712229  |
| Packaging single length / height (cm) | 14.0           |
| Packaging single width (cm)           | 68.0           |
| Packaging single depth (cm)           | 68.0           |
| DUN14 (inner)                         | 05025768712229 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 14.0           |
| Packaging outer width (cm)            | 68.0           |
| Packaging outer depth (cm)            | 68.0           |

### SAFETY DATA

|                                  |       |
|----------------------------------|-------|
| Glow Wire Test (°C)              | 650   |
| Optimal operating condition (°C) | 10-25 |
| Special purpose lamp             | No    |

# Concord

COLOSSAL 600mm 940 OPAL DIR+HAL WHITE EM  
2071222

|                                     |    |
|-------------------------------------|----|
| Dry applications use only           | No |
| Suitable for household illumination | No |